NEOGRID

Energy efficiency on a completely new level – with up to 122 lm/W the LED Baselight NEOGRID outranges even modern fluorescent lamp technologies. DALI controllable lumen packages of more than 3,100 lm combined with excellent light quality and compliance to the EN 12464 make this unobtrusive louver luminaire the perfect solution for today's office environments. All this is rounded off with a comprehensive product line-up, offering optimized flexibility and meeting various application requirements.

Application:

- High-quality office task area lighting with UGR ≤ 19
- Very efficient replacement of conventional 4/14 W and 4/18 W louver luminaires
- Energy saving and flexibility through DALI and DC capability
- Seamless integration into 600 mm or 625 mm grid ceilings

TOSHIBA
Leading Innovation

Product details

- Highly efficient LED louver luminaire
- Up to 122 lm/W system efficacy
- Up to 3,650 lm system output
- UGR ≤ 19 for task area lighting according to EN 12464
- Efficient replacement of up to 4/14 W T16 and 4/18 W T26 conventional louver luminaires
- White or Aluminium specular reflector surface
- Elegant design for an unobtrusive integration into ceiling systems
- Flexibility through DALI controllability
- DC-capable for use with central / group battery
- For 600 x 600 mm or 625 x 625 mm grid ceilings

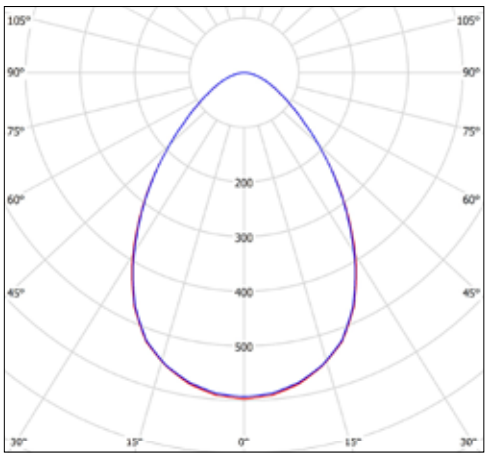
DALI

Optical parameters

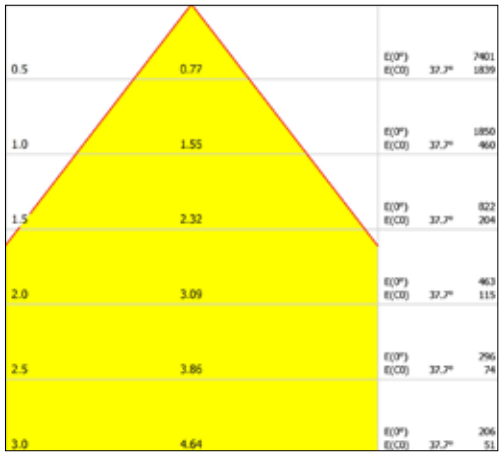
MODEL NAME	NEOGRID 600/625			
Product code	LEDEUR00004D30N / LEDEUR00005D30N	LEDEUR00004D40N / LEDEUR00005D40N	LEDEUR00006D30N / LEDEUR00007D30N	LEDEUR00006D40N / LEDEUR00007D40N
Reflector	White	White	Aluminium specular	Aluminium specular
Colour description	Warm white	Neutral white	Warm white	Neutral white
Colour temperature	**3000 K**	**4000 K**	**3000 K**	**4000 K**
Luminous flux (nominal)	3,100 lm	3,350 lm	3,370 lm	3,650 lm
Luminous flux in DC-operation	15% of rated lumen output			
System efficacy	103 lm/W	112 lm/W	112 lm/W	122 lm/W
Colour rendering index	Ra 80	Ra 80	Ra 80	Ra 80
UGR	≤ 19	≤ 19	≤ 16	≤ 16

POLAR CANDELA DISTRIBUTION

LEDEUR00004D30 / LEDEUR00005D30



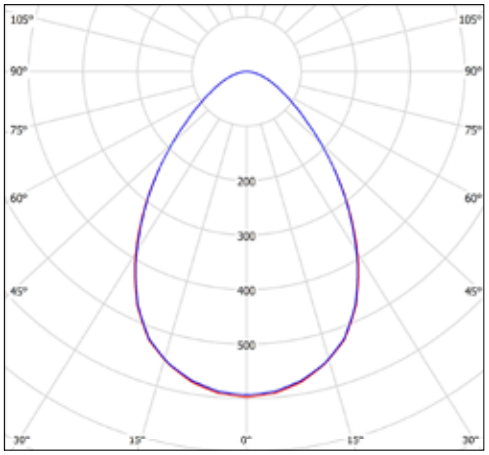
ILLUMINANCE



Optical parameters

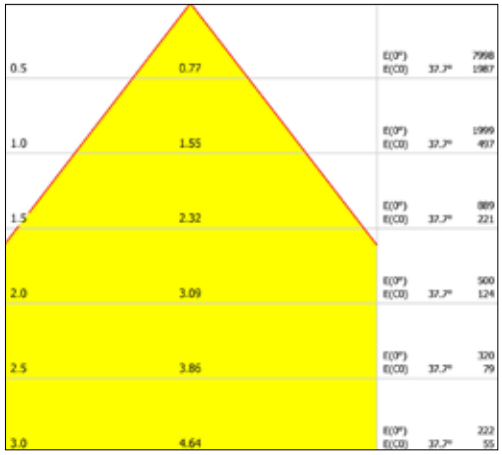
POLAR CANDELA DISTRIBUTION	ILLUMINANCE

LEDEUR00004D40N / LEDEUR00005D40N



cd/klm η = 100%

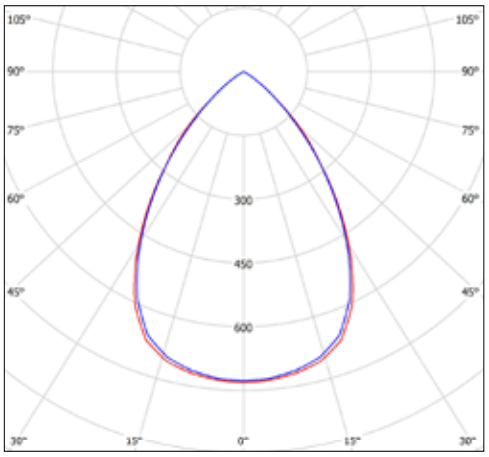
C0 - C180 C90 - C270



Distance [m] Cone Diameter [m] Illuminance [lx]

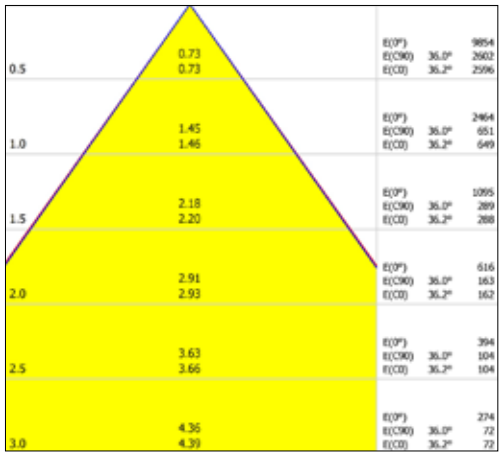
C0 - C180 (Half-value Angle: 75.4°) C90 - C270

LEDEUR00006D30N / LEDEUR00007D30N



cd/klm η = 100%

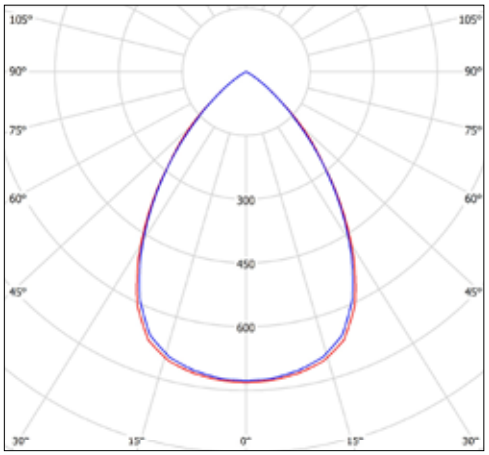
C0 - C180 C90 - C270



Distance [m] Cone Diameter [m] Illuminance [lx]

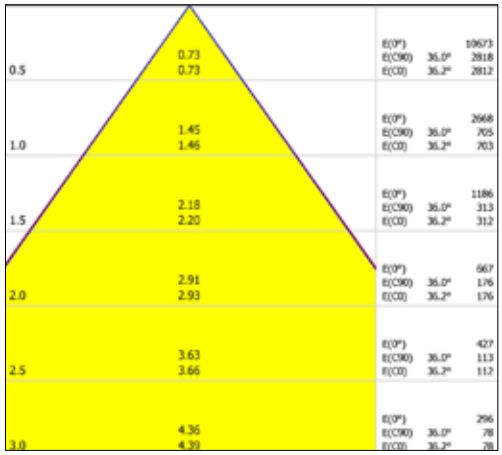
C0 - C180 (Half-value Angle: 72.4°) C90 - C270 (Half-value Angle: 72.0°)

LEDEUR00006D40N / LEDEUR00007D40N



cd/klm η = 100%

C0 - C180 C90 - C270



Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 72.4°) C90 - C270 (Half-value Angle: 72.0°)

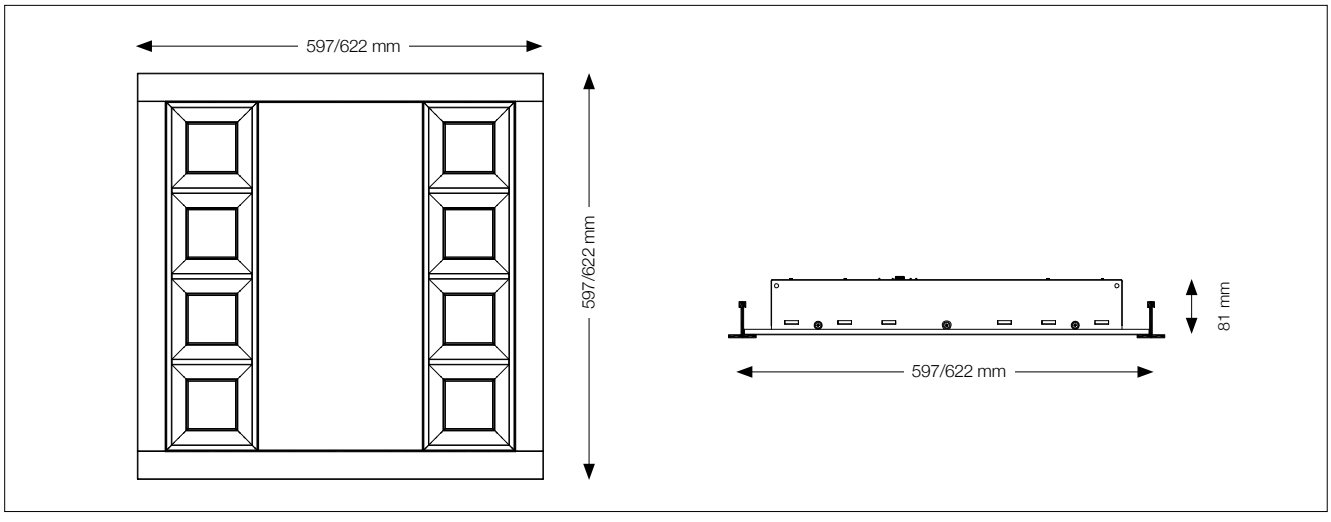
Electrical parameters

MODEL NAME	NEOGRID 600/625
Rated wattage	30 W
System efficacy	up to 122 lm/W
Rated voltage	220 – 240 V
Frequency	50/60 Hz
Power factor	≥ 0.9
Rated lifetime	50,000 h
Lumen maintenance	70% at the rated lifetime
Connection	3 x (0.8 – 1.8) mm²
Controllable / Dimmable	Yes, DALI
Dimming level	5 – 100 %
DALI connection	2 x (0.8 – 1.8) mm²
DC-capable	Yes, Input voltage: 176-264V DC, Input wattage: 7 W Luminous flux: 15% of rated lumen output

Mechanical parameters

MODEL NAME	NEOGRID 600	NEOGRID 625
Material	Aluminium	Aluminium
Colour	White	White
Type of installation	Lay-in 600 x 600 mm standard grid ceilings	Lay-in 625 x 625 mm standard grid ceilings
Electrical class	I	I
IP rating	IP20	IP20
IK rating	IK07	IK07
LED module	Integrated (non-replaceable)	Integrated (non-replaceable)
Glow wire temperature	850 °C	850 °C
Approval mark	CE, ENEC	CE, ENEC
Operation temperature	-5°C - +40 °C	-5°C - +40 °C
Dimension (L x W x H)	597 x 597 x 81 mm	622 x 622 x 81 mm
Net weight	4,750 g	4,900 g

Drawings



Logistic data

PRODUCT CODEW	EAN/ITF CODE	DESCRIPTION	SIZE OF PACKAGING (L x H x W)	GROSS WEIGHT
LEDEUR00004D30N	4974550473965	NEOGRID 600 / 30 W / 3000 K / WH	745 x 745 x 120 mm	7350 g
LEDEUR00004D40N	4974550473958	NEOGRID 600 / 30 W / 4000 K / WH	745 x 745 x 120 mm	7350 g
LEDEUR00006D30N	4974550474009	NEOGRID 600 / 30 W / 3000 K / AL	745 x 745 x 120 mm	7350 g
LEDEUR00006D40N	4974550473996	NEOGRID 600 / 30 W / 4000 K / AL	745 x 745 x 120 mm	7350 g
LEDEUR00005D30N	4974550473989	NEOGRID 625 / 30 W / 3000 K / WH	745 x 745 x 120 mm	7500 g
LEDEUR00005D40N	4974550473972	NEOGRID 625 / 30 W / 4000 K / WH	745 x 745 x 120 mm	7500 g
LEDEUR00007D30N	4974550474023	NEOGRID 625 / 30 W / 3000 K / AL	745 x 745 x 120 mm	7500 g
LEDEUR00007D40N	4974550474016	NEOGRID 625 / 30 W / 4000 K / AL	745 x 745 x 120 mm	7500 g

Handling and safety information

- Do not cover the lamp with paper, cloth or other easily flammable materials
- Do not expose the lamp to water or high humidity
- Avoid additional mechanical stress on the lamp
- Do not touch the lamp during or shortly after usage. Risk of burn!
- Use only with recommended dimmers
- Ambient temperature range: +5 °C to +40 °C
- Do not look directly into the lamp
- Do not spray pesticide on this lamp
- Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting

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Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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